

MOLP-8 | 304082

Genetic Information

Description MOLP-8 is a cell line derived from a patient with acute myeloid leukemia (AML) with a t(11;14)(q13;q32) translocation. The cell line is characterized by the presence of the MLL-APL fusion gene. It is a CD38+, CD138+, CD54+, CD56+ cell line. The cell line is maintained in RPMI 1640 medium supplemented with 10% fetal bovine serum (FBS) and 100 U/ml penicillin, 100 U/ml streptomycin, and 100 U/ml nystatin. The cell line is available in cryopreserved form (CryoStor) and as a suspension culture (CryoStor).

Organism Human

Tissue Bone Marrow

Disease Acute Myeloid Leukemia

Metastatic site Bone Marrow

Synonyms MOLP8

Cell Line Characteristics

Age 52 years

Gender Male

Ethnicity Caucasian

Growth properties Adherent

Documentation

Citation MOLP-8 (MOLP-8) | Cytion 304082

Biosafety level 1

NCBI_TaxID 9606

CellosaurusAccession CVCL_2124

Product sheet

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Flask Coating
The flask is coated with a thin layer of polypropylene. The coating is designed to be compatible with a wide range of cell lines and media. The coating is stable and does not leach into the media.

Freezing Procedure
The cells should be harvested and resuspended in a freezing medium. The suspension should be aliquoted into cryovials and stored at -78°C.

Shipping Conditions
The cells should be shipped in a dry ice container. The container should be labeled with the appropriate shipping information and stored at -78°C.

Storage Conditions
The cells should be stored in a dry ice container at -150 to 196 °C. The container should be labeled with the appropriate shipping information.

HLA

Sterility
The cells are supplied in a sterile, single-use format. The cells are free of mycoplasma and other contaminants. The cells are suitable for PCR and other applications.